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CENTRAL INTELLIGENCE AGENCY

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and Electrical Firms in Dresden Area

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Konstruktionen -Technisches Büro 20 (KTB-20)

1. The bureau was formed in October 1945 using specialists of the Sachsenwerk. It was originally accommodated in part of the Sachsenwerk, Dresden-Niedersedlitz, but moved in the summer of 1947, because of friction, to a wing of a dismantled curtain factory in Dresden-Dobritz. About 400 workers are now employed.
2. The main tasks were the development of open and enclosed three-phase motors of 1-10 kw and fractional horse power (5-500 watts) motors, both commutating and induction motors. Factory layouts and plants were planned. The experimental workshop prepared the necessary prototypes which were tested in the testing shop. The tool section made all the tools required, particularly pressure die-casting tools.
3. Other projects worked on were:
 - a. High voltage air switch of Sachsenwerk design.
 - b. Machine for winding AC motors. At present, winding a 2.5 kw frame requires 28 minutes.
 - c. Bakelite automatic time switch for use on staircases of multi-storied houses.
 - d. Hand flashlight dynamo.
 - e. Single cooking plate of Siemens-Schuckert type and switches.
 - f. Tubular type heater of Siemens-Schuckert type.
 - g. Small 2-7 kw water turbine. Experiments are now being made with the prototype in the Dresden Technical College.
 - h. Rotary switches (Paketschalter) for 250, 360 and 600 amps, for which a plant was built. The 250 and 360 amp sizes are now being produced. In this connection Zhdanov of Tashkent recently paid a visit to KTB-20.

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- i. Naval fuse installations with porcelain plugs, for 225, 360 and 600 amps are being developed in 1948. In 1949 work will start on 125, and later on 6-80 amp types.
- j. "Chems" 3 phase high voltage air switches for 100 amps are being made from Soviet drawings (Charkow). Later 25, 225 and 600 amp types will go into production.
- k. Naval DC 1,000 and 3,000 amp control switches, and 3,000 amp matching switches were developed from Siemens-Schuckert drawings. These have been put aside for the present.
- l. Thermostatic electric iron.
- m. Vacuum cleaner.
- n. Washing machine combining washer and wringer. The tools for this are now being made.
4. After the following had been copied from samples, the necessary equipment was designed and built, and about 50 of each manufactured:
 - a. Bosch relays for 60 amps and 24 volts.
 - b. Polarized Askania relays for 24 volts.
 - c. Shik relays for 5-40 amps and 24 volts.
 - d. 104 pole plug sockets for 24 volts.
 - e. 64 pole plug sockets for 220 volts.
 - f. 18 pole plug sockets for 220 volts.
5. In addition, 450 1.09 servo motors and 150 2.04 generators made by Alfred Oemig of Hartha (K.69) have been tested.

MTB 21

6. Personalities include:

- | | |
|----------------|---|
| a. Dr. Noelke | of Dresden N, Schmietzenhofstrasse 92. Laboratory leader who tests new equipment. |
| b. Herr Steska | Head of the design department. |
| c. Herr Zirkel | Head of the department for the development of plants. |
| d. Ing. Brey | Assistant of Herr Zirkel. |

Koch & Sterzel

7. Personalities include:

- | | |
|----------------------|---|
| a. Ing. Gussman | Dresden/Coswig, Elsa Brandstroemstrasse 3. Head of the design office. |
| g. Ing. Bruno Döring | Radebeul Groebastrasse 5. Formerly worked at the Siemens-Schuckert factory and is now in the transformer test shop. |

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8. Joseph Fisher, former director of Koch & Sterzel, is in the Moscow area where he is engaged on transformer design.

Niedermartha (F.19) Power Station

9. The installation is nearly ready. Various miscalculations have occurred but are gradually being rectified.

Sachsenwerk

10. In Radeberg (F.39), 150 and 300 amp commutators (Kontakter) are being manufactured from drawing by Dynamo (Moscow ?). These are air insulated. The Radeberg factory is also starting manufacture of 1-10 kw motors because the Niedersiedlitz plant is engaged in producing large motors of over 10 kw.
11. Tsipolenski has replaced Sankov as general director of the Sachsenwerk in Niedersiedlitz. Sankov, who succeeded Fomenko about January 1948, was dismissed suddenly, apparently because of his arrogant and autocratic manner. It is said that Sankov will be employed as an engineer at the Sachsenwerk in Radeberg. Another director, Bayev, is believed to have been sent to Zwickau as an engineer. Engineer Karlov is still at Niedersiedlitz.

KTB-2

12. This bureau has manufactured a precision boring machine with pre-adjustment and push-button control. It is now under strict guard, and will soon be sent to the USSR, allegedly to an exhibition in Moscow. An electrical fitter, Rudolf Geissler, Dresden-Cotta, Hebbelplatz 11, will travel with the machine to erect it.
13. Major Plinov has succeeded Major Xenikeev as head of the bureau. The latter will demonstrate the boring machine.

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